

**Chuck Hathcock, Graduate Research Assistant**

*Graduate student at Arizona State University*

*Undergraduate degree: Conservation*

*Biology, May 2000*



I am working on the development of a geographic information system (GIS) based habitat model for the Mexican Spotted Owl (*Strix occidentalis lucida*). This species is federally protected and found on Lab property as well as throughout the Jemez mountains. My research will examine all possible characteristics of the owl's habitat to determine what are the preferred habitat characteristics for the species within the Jemez population. This model will allow the Laboratory to better manage its current and potential spotted owl habitat. This is my fourth summer at the Lab, my first as a GRA. I also work on several different projects at the Ecology Group (ESH-20). Currently, I am helping with bird surveys to examine the affect of burn areas on avian populations. Later this summer I will be involved with bat surveys as well as monitoring reptiles and amphibians in wetlands throughout the Lab. My hobbies include hiking, camping, partying, and playing with my dog!